

# COPY

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Shozo KOYAMA et al.

Group Art Unit: 1641

Serial Number: 09/881,664

Examiner: M. Ceperley

Filed: June 18, 2001

For: ANTIGENIC SUBSTANCE INDUCTOR, VACCINE PRECURSOR, VACCINE,  
ANTIBODY, NEUTRALIZING ANTIBODY, ANTITOXIN, IDIOTYPE  
ANTIBODY AND/OR ANTI-IDIOTYPE ANTIBODY WHICH IS INDUCED BY  
ITS IDIOTYPE ANTIBODY

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(b)

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

March 5, 2003

Sir:

The attention of the Patent and Trademark Office is hereby  
directed to the documents listed on the attached Form PTO-1449.

One copy of each of the listed documents is attached.

No fee or certification is required in connection with this  
Information Disclosure Statement, since it is being submitted prior  
to the last of (1) issuance of a first official action on the  
merits and (2) expiration of the three month period following



filing of the above-captioned application.

Please note that documents UA, UE, FA to FD were cited in an Office Action in a counterpart Japanese patent application.

No explanation of the relevance of documents UA to UF is believed to be required under 37 C.F.R. §1.98 because the documents are in English.

Documents FA to FE are not in the English language. However, please note that documents UB to UD are U.S. counterparts of document FA, and document UF is a U.S. counterpart of document FD. Also, an English abstract of each of documents FB, FC and FE is submitted herewith. Therefore, the concise explanation of the relevance of these documents required under 37 C.F.R. §1.98 is believed to be satisfied.

Please note that document FE was cited in the International Search Report during the international stage of the parent application of the present application (a copy of the search report is attached hereto). The relevance of document FE is also discussed in the International Search report. Please also note an Examiner's obligation to consider documents cited in an

U.S. Patent Appln. S.N. 09/881,664  
INFORMATION DISCLOSURE STATEMENT

PATENT

International Search Report according to the provisions of MPEP  
§1893.03(g).

The Commissioner is authorized to charge our Deposit Account  
No. 111833 for any fee which is deemed by the Patent and Trademark  
Office to be required to effect consideration of this statement.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik  
Reg. No. 40,428.

Atty. Case No. AMN-003-002  
The Farragut Building  
Suite 710  
900 17th Street, N.W.  
Washington, D.C. 20006  
Tel: (202) 887-9023  
Fax: (202) 887-9093  
KTK/sb

Attachments: PTO-1449  
11 Documents  
International Search Report

|   |  |                                     |
|---|--|-------------------------------------|
| <p>INFORMATION DISCLOSURE STATEMENT</p> <p>PTO-1449</p> | <p>Atty. Docket No.</p> <p>AMN-003-002</p>   | <p>Serial No.</p> <p>09/881,664</p> |
|   | <p>Applicant:</p> <p>Shozo KOYAMA et al.</p> |                                     |
|   | <p>Filing Date:</p> <p>June 18, 2001</p>     | <p>Group:</p> <p>1641</p>           |

U.S. PATENT DOCUMENTS

| Examiner's Initial |    | Document No. | Date     | Name                | Class | Sub Class | Filing Date If appropriate |
|--------------------|----|--------------|----------|---------------------|-------|-----------|----------------------------|
|                    | UA | 4,081,458    | 03/28/78 | Flaugh              | 260   | 335       |                            |
|                    | UB | 4,147,672    | 04/03/79 | Schulte-Elte et al. | 252   | 522       |                            |
|                    | UC | 4,264,467    | 04/28/81 | Schulte-Elte et al. | 252   | 174.11    |                            |
|                    | UD | 4,289,659    | 09/15/81 | Schulte-Elte et al. | 252   | 522 R     |                            |
|                    | UE | 5,169,993    | 12/08/92 | Briner              | 568   | 807       |                            |
|                    | UF | 5,200,535    | 04/06/93 | Briner              | 549   | 546       |                            |
|                    | UG |              |          |                     |       |           |                            |

FOREIGN PATENT DOCUMENTS

| Examiner's Initial |    | Document No. | Date     | Country | Translation Yes/No/Partial |
|--------------------|----|--------------|----------|---------|----------------------------|
|                    | FA | 50-105841 A  | 08/20/75 | JP      | No                         |
|                    | FB | 51-105038 A  | 09/17/76 | JP      | Abstract                   |
|                    | FC | 603 071 A    | 08/15/78 | CH      | Abstract                   |
|                    | FD | 4-316531 A   | 11/06/92 | JP      | No                         |
|                    | FE | 9-221421 A   | 08/26/97 | JP      | Abstract                   |
|                    | FF |              |          |         |                            |
|                    | FG |              |          |         |                            |

OTHER DOCUMENTS

| Examiner's Initial |    |  |
|--------------------|----|--|
|                    | DA |  |
|                    | DB |  |
|                    | DC |  |

|                  |                         |
|------------------|-------------------------|
| <p>Examiner:</p> | <p>Date Considered:</p> |
|------------------|-------------------------|

KTK/sb